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TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO.

ATTORNEY'S DOCKET NUMBER 2002DE442

U.S. APPLICATION NO (III known see 37 CFR 1.5)

INTERNATIONAL FILING DAKE PCT/EP2003/013279 26 November 2003

PRIORITY DATE CLAIMED 04 December 2002

TITLE OF INVENTION Quaternary Ammonium Compounds							
APPLICANT(S) FOR DO/EO/US Manlio GALLOTTI, Patricia RAMOS PEREIRA DE MORAES & Cássio QUEIROZ CAVALCANTE							
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:	:						
1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
The US has been elected (Article 31).							
A copy of the International Application as filed (35 U.S.C. 371(c)(2))							
a. is attached hereto (required only if not communicated by the International Bureau).							
b. has been communicated by the International Bureau.							
c. is not required, as the application was filed in the United States Receiving Office (RO/US).							
6. $\overline{\mathbb{X}}$ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
a. \overline{X} is attached hereto.							
b. has been previously submitted under 35 U.S.C. 154(d)(4).							
7. \overline{X} Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
a. are attached hereto (required only if not communicated by the International Bureau).							
b. have been communicated by the International Bureau.							
c. have not been made; however, the time limit for making such amendments has NOT expired.							
d. \overline{X} have not been made and will not be made.							
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
10. X An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).							
Items 11 to 20 below concern document(s) or information included:							
An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13. X A preliminary amendment.							
14. An Application Data Sheet under 37 CFR 1.76.							
15. A substitute specification.							
16. A power of attorney and/or change of address letter.							
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.							
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).							
20. X Other items or information: See Attachment 1							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 2

JCO6 Rec'd PCT/PTO n 3 JUN 2005

PTO-1390 (Rev. 02-2005)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The State of U.S. APPLICATION NO. (if known see, 37 CFR 1.5)
10.7537550 INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER PCT/EP2003/013279 2002DE442 The following fees have been submitted CALCULATIONS PTO USE ONLY

					ONLOGENTIONS	1 TO OOL ONET		
21. 🔀 Basi	ic national fee			\$300	\$ 300.00			
22. X Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)					\$ 200.00			
23. Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					400.00			
TOTAL OF 21, 22 and 23 =					\$ 900.00			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra Sheets	Number of each additional 50 or fraction RATE thereof (round up to a whole number)						
12 - 100 =	-94 /50 =	0 = x \$250			\$ 0.00			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).					\$ 0.00			
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$			
Total claims		15 - 20 =	0	× \$ 50	\$ 0.00			
Independent clai	ms	1 -3=	0	x \$200	\$ 0.00			
MULTIPLE DEPI	ENDENT CLAIM(S	S) (if applicable)		+ \$360	\$ 0.00			
TOTAL OF ABOVE CALCULATIONS =					\$ 900.00	1		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					0.00			
SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest					\$ 900.00			
claimed priority date (37 CFR 1.492(i)). + TOTAL NATIONAL FEE =				\$ 0.00 \$ 900.00				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$ 0.00			
., -, -, -, -, -, -, -, -, -, -, -, -, -,				EES ENCLOSED =	\$	940.00		
					Amount to be refunded:	\$		
					Amount to be charged:	\$		
a. A chec	k in the amount of	f \$	to cover the above	ve fees is enclosed.		•		
b. \overline{X} Please charge my Deposit Account No. $\underline{03-2060}$ in the amount of \$ $\underline{900.00}$ to cover the above fees. A duplicate copy of this sheet is enclosed.								
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-2060. A duplicate copy of this sheet is enclosed.								
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
SEND ALL COR	RESPONDENCE	1.						
Richard P. S		Val						
Clariant Cor	-	ilverman						
Intellectual l 4000 Monro	Property Law	11 1 01 111 1111						
Charlotte, N		CUSTO	MER NO. 25,255	36,277	0111111055			
l, • ·			•	REGISTRATI	ON NUMBER			

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JC06 Rsc'd PCT/PTO 0 3 JUN 2005 Addendum

Attachment 1

Express Mail Label No. ED 795273261 US; copy of International Search Report and Transmittal Letter Notification of Amendments Under PCT Article 34 with one page of amended sheet and Copy of Notification of Transmittal of International Preliminary Examination Report (7 pages)

Express Mail Label Number ED 795273261 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Docket: 2002DE442

Manilo GALOTTI et al.

Serial No.: to be

to be assigned

Filed:

June 3, 2005

For:

Quaternary Ammonium Compounds

<u>Transmittal Letter</u> Notification of Amendments Under PCT Article 34

Mail Stop: Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Preliminary to the examination of the above-identified application, an Amendment was filed under Article 34 of the Patent Cooperation Treaty prior to the International Preliminary Examination. Please note that the attached page, Claim 1, was filed with the European Patent Office.

Applicant respectfully requests submission of this page before examination of the application and before entry of the Preliminary Amendment.

Respectfully submitted,

Richard P. Silverman, Reg. No. 36,277

(CUSTOMER NUMBER 25,255)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Express Mail Label Number ED 795273261 US

Date of Mailing: June 3, 2005

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that on the date indicated above this International application and the documents referred to as enclosed therein, of:

- CERTIFICATION UNDER 37 CFR 1.10 (Express Mail) (1 page)
- TRANSMITTAL LETTER TO THE DO/EO/US (3 pages) w/ duplicate (6 pages)
- Copy of International Search Report (3 pages)
- Copy of Notification of Transmittal of International Preliminary Examination Report (7 pages)
- Transmittal Letter Notification of Amendments Under PCT Article 34 with Annex (2 pages)
- Preliminary Amendment w/ Abstract (08 pages)
- ENGLISH TRANSLATION OF APPLICATION (12 PAGES SPECIFICATION, claims) (claims 14 in number)
- Self-addressed stamped Postcard Receipt (1)

Inventor: Manlio GALLOTTI

Patricia RAMOS PEREIRA DE MORAES

Cássio QUEIROZ CAVALCANTE

For: Quaternary Ammonium Compounds

International Application No.: PCT/EP2003/013279

International Filing Date: 26 November 2003 Priority Filing Date: 04 December 2002

is being deposited with the United States Postal Service as "Post Office to Addressee" Express Mail addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, Mail Stop:, in accordance with 37 CFR 1.10.

Vicki L. Saro